

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

01/18/2005

Jim H. Salter

Blakely, Sokoloff, Taylor and Zafman LLP

1279 Oakmead Parkway

Sunnyvale, CA 94085

03/14/2005 EHAILE2 00000033 09670490

01 FC:2501

700.00 OP

02 FC:8001

30.00 OP



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

JUANITA BRISCOE	(Depositor's name)
<i>[Signature]</i>	(Signature)
3/8/05	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/670,490	09/26/2000	Ting Sun	PA1203	4334

TITLE OF INVENTION: SYSTEM AND METHOD FOR ADAPTIVELY ACCOMMODATING A HIGH AMPLITUDE DOWNSTREAM SIGNAL IN A DSL MODEM

Repln. Ref: 03/14/2005 EHAILE2 0018351000

DAH:022666 Name/Number:09670490

FF: 9204 \$700.00 CR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	04/18/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, KHAI	2637	375-222000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

BLAKELY, SOKOLOFF,
1 TAYLOR & ZAFMAN LLP

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

2WIRE, INC.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

SAN JOSE, CALIFORNIA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee☐ Publication Fee (No small entity discount permitted)☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 02-2666 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☒ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

[Signature]

Date

3/8/05

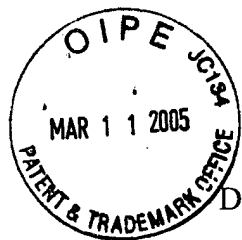
Typed or printed name

Daniel E. Ovanezian

Registration No. 41,236

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Docket No. 006491.P013

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Ting Sun

Application No: 09/670,490

Filed: September 26, 2000

For: SYSTEM AND METHOD FOR
ADAPTIVELY ACCOMMODATING A
HIGH AMPLITUDE DOWNSTREAM
SIGNAL IN A DSL MODEM

)
) Examiner: Tran, Khai
)
) Art Unit: 2637
)
) Confirmation No. 4334
)
) Date of NOA: 1/18/05
)
)
)
)
)
)
)

Payment of Issue Fee (37 C.F.R. § 1.311)

Mailstop Issue Fee
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

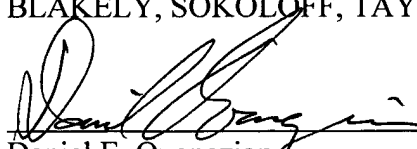
Sir:

Please find enclosed herewith the Issue Fee Transmittal form PTOL-85 for the above-referenced application. Also enclosed is our check in the amount of \$1,430 for payment of the issue fee (\$1,400.00), and an advanced order of ten soft copies (\$30.00) of the patent.

Please charge any shortages or credit any overages to our Deposit Account No. 02-2666.

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 3/8/05



Daniel E. Ovanezian
Reg. No. 41,236

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8300



FIRST CLASS CERTIFICATE OF MAILING
(37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

on 3/8/05
Date of Deposit
JUANITA BRISCOE
Name of Person Mailing Correspondence
[Signature] 3/8/05
Signature Date

**FEE TRANSMITTAL FOR FY 2005**

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

TOTAL AMOUNT OF PAYMENT (\$) \$1,430.00

Complete if Known:

Application No. 09/670,490Filing Date 9/26/00First Named Inventor Ting SunExaminer Name Tran, KhaiArt Unit 2637Attorney Docket No. 006491.P013

Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify)☒ Deposit AccountDeposit Account Number : 02-2666

Deposit Account Name: _____

☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

☒ Charge any additional fee(s) or underpayment of fee(s) during the pendency of this application.

Charge fee(s) indicated below except for the filing fee

☒ Credit any overpayments.☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Large Entity		Small Entity		Fee Description		Fees Paid (\$)
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1011	300	2011	150	Utility application filing fee	} 1,000/500	\$ _____
1111	500	2111	250	Utility search fee		\$ _____
1311	200	2311	100	Utility examination fee		\$ _____
1012	200	2012	100	Design application filing fee	} 430/215	_____
1112	100	2112	50	Design search fee		_____
1312	130	2312	65	Design examination fee		_____
1013	200	2013	100	Plant filing fee	} 660/330	_____
1113	300	2113	150	Plant search fee		_____
1313	160	2313	80	Plant examination fee		_____
1004	300	2004	150	Reissue filing fee	} 1,400/700	_____
1114	500	2114	250	Reissue search fee		_____
1314	600	2314	300	Reissue examination fee		_____
1005	200	2005	100	Provisional application filing fee		_____
SUBTOTAL (1) \$ _____						

2. EXCESS CLAIM FEES

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fees Paid (\$)</u>
Total Claims _____ - 20 or HP = _____		X 50.00	= \$ _____
HP = highest number of total claims paid for, if greater than 20			
Independent Claims _____ - 3 or HP = _____		X 200.00	= \$ _____
HP = highest number of independent claims paid for, if greater than 3			
Multiple Dependent Claims _____			= _____

<u>Large Entity</u>		<u>Small Entity</u>		
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	<u>Fee Description</u>
1202	50	2202	25	Each claim over 20
1201	200	2201	100	Each independent claim over 3
1203	360	2203	180	Multiple dependent claims, if not paid
1204	200	2204	100	Reissue: each claim over 20 and more than in the original patent
1205	50	2205	25	Reissue: each independent claim more than in the original patent

SUBTOTAL (2) \$ _____

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each add'l 50 or fraction thereof</u>	<u>Fee from below</u>	<u>Fees paid (\$)</u>
_____	- 100 = _____	/ 50 = _____ (round up to whole number)	X _____	_____

<u>Large Entity</u>		<u>Small Entity</u>		
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	<u>Fee Description: Application size fee for each additional group of 50 sheets beyond initial 100 sheets (count spec & drawings except sequences & program listings):</u>
1081	250	2081	125	Utility
1082	250	2082	125	Design
1083	250	2083	125	Plant
1084	250	2084	125	Reissue

SUBTOTAL (3) \$ _____

FEE CALCULATION (continued)**4. OTHER FEE(S)**

				<u>Fees Paid (\$)</u>
Non-English Specification, \$130 fee (no small entity discount)				
<u>Large Entity</u>		<u>Small Entity</u>		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1051	130	2051	65	
1052	50	2052	25	
1053	130	1053	130	
1812	2,520	1812	2,520	
1813	8,800	1813	8,800	
1804	920*	1804	920*	
1805	1,840*	1805	1,840*	
1251	120	2251	60	
1252	450	2252	225	
1253	1,020	2253	510	
1254	1,590	2254	795	
1255	2,160	2255	1,080	
1401	500	2401	250	
1402	500	2402	250	
1403	1,000	2403	500	
1451	1,510	1451	1,510	
1452	500	2452	250	
1453	1,500	2453	750	
1501	1,400	2501	700	<u>\$1,400.00</u>
1502	800	2502	400	
1503	1100	2503	550	
1462	400	1462	400	
1463	200	1463	200	
1464	130	1464	130	
1807	50	1807	50	
1806	180	1806	180	
8021	40	8021	40	
1809	790	2809	395	
1814	130	2814	65	
1810	790	2810	395	
1801	790	2801	395	
1802	900	1802	900	
1504	300	1504	300	
1505	300	1505	300	
1803	130	1803	130	
1808	130	1808	130	
1454	1,370	1454	1,370	
Other fee (specify) <u>10 advance order copies of issued patent</u>				<u>\$30.00</u>
Other fee (specify) _____				_____
SUBTOTAL (4)				<u>\$1,430.00</u>

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Daniel E. OvanezianSignature: Date: 3/8/05Reg. Number: 41,236Telephone Number: 408-720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450